

Mary Tins

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/610,551

1644
DATE: 02/20/2001
TIME: 23:42:53

INPUT SET: S36408.raw

p#7

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Barbas, Carlos F, III
6 Burton, Dennis R
7 Lerner, Richard A
8
9 (ii) TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES
10 USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS
11
12 (iii) NUMBER OF SEQUENCES: 70
13
14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: The Scripps Research Institute
16 (B) STREET: 10666 North Torrey Pines Road, TPC8
17 (C) CITY: La Jolla
18 (D) STATE: CA
19 (E) COUNTRY: USA
20 (F) ZIP: 92037
21
22 (v) COMPUTER READABLE FORM:
23 (A) MEDIUM TYPE: Floppy disk
24 (B) COMPUTER: IBM PC compatible
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
27
28 (vi) CURRENT APPLICATION DATA:
29 (A) APPLICATION NUMBER: 09/610,551
30 (B) FILING DATE:
31 (C) CLASSIFICATION:
32
33 (vii) PRIOR APPLICATION DATA:
34 (A) APPLICATION NUMBER: 08/300,386
35 (B) FILING DATE:
36
37 (vii) PRIOR APPLICATION DATA:
38 (A) APPLICATION NUMBER: US 07/826,623
39 (B) FILING DATE: 27-JAN-1992
40
41 (vii) PRIOR APPLICATION DATA:
42 (A) APPLICATION NUMBER: US 07/954,148
43 (B) FILING DATE: 30-SEP-1992
44
45 (vii) PRIOR APPLICATION DATA:
46 (A) APPLICATION NUMBER: US 08/012,566

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47 (B) FILING DATE: 02-FEB-1993
48
49 (viii) ATTORNEY/AGENT INFORMATION:
50 (A) NAME: Fitting, Thomas
51 (B) REGISTRATION NUMBER: 34,163
52 (C) REFERENCE/DOCKET NUMBER: TSRI 409.1
53
54 (ix) TELECOMMUNICATION INFORMATION:
55 (A) TELEPHONE: 619-554-2937
56 (B) TELEFAX: 619-554-6312
57
58

59 (2) INFORMATION FOR SEQ ID NO:1:
60

61 (i) SEQUENCE CHARACTERISTICS:
62 (A) LENGTH: 687 base pairs
63 (B) TYPE: nucleic acid
64 (C) STRANDEDNESS: single
65 (D) TOPOLOGY: linear
66

67 (ii) MOLECULE TYPE: cDNA

68
69 (iii) HYPOTHETICAL: NO
7071 (iv) ANTI-SENSE: NO
72
73
7475 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
76

| | | |
|----|--|-----|
| 77 | CTCGAGCAGT CTGGGGCTGA GGTGAAGAAG CCTGGGTCCT CGGTGAAGGT CTCCTGCAGG | 60 |
| 78 | | |
| 79 | GCTTCTGGAG GCACCTTCAA CAATTATGCC ATCAGCTGGG TGCGACAGGC CCCTGGACAA | 120 |
| 80 | | |
| 81 | GGGCTTGAGT GGATGGGAGG GATCTTCCCT TTCCGTAATA CAGCAAAGTA CGCACAAACAC | 180 |
| 82 | | |
| 83 | TTCCAGGGCA GAGTCACCAT TACCGCGGAC GAATCCACGG GCACAGCCTA CATGGAGCTG | 240 |
| 84 | | |
| 85 | AGCAGCCTGA GATCTGAGGA CACGGCCATA TATTATTGTG CGAGAGGGGA TACGATTTTT | 300 |
| 86 | | |
| 87 | GGAGTGACCA TGGGATACTA CGCTATGGAC GTCTGGGGCC AAGGGACCAC GGTCACCGTC | 360 |
| 88 | | |
| 89 | TCCGCAGCCT CCACCAAGGG CCCATCGGTC TTCCCCCTGG CACCCTCCTC CAAGAGCACC | 420 |
| 90 | | |
| 91 | TCTGGGGGCA CAGCGGCCCT GGGCTGCCTG GTCAAGGACT ACTTCCCCGA ACCGGTGACG | 480 |
| 92 | | |
| 93 | GTGTCGTGGA ACTCAGGCGC CCTGACCAGC GCGGTGCACA CCTTCCCGGC TGTCTACAG | 540 |
| 94 | | |
| 95 | TCCTCAGGAC TCTACTCCCT CAGCAGCGTG GTGACCGTGC CCTCCAGCAG CTTGGGCACC | 600 |
| 96 | | |
| 97 | CAGACCTACA TCTGCAACGT GAATCACAAG CCCAGCAACA CCAAGGTGGA CAAGAAAGCA | 660 |
| 98 | | |
| 99 | GAGCCCAAAT CTTGTGACAA AACTAGT | 687 |

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100

101 (2) INFORMATION FOR SEQ ID NO:2:

102

103 (i) SEQUENCE CHARACTERISTICS:

104 (A) LENGTH: 646 base pairs

105 (B) TYPE: nucleic acid

106 (C) STRANDEDNESS: single

107 (D) TOPOLOGY: linear

108

109 (ii) MOLECULE TYPE: cDNA

110

111 (iii) HYPOTHETICAL: NO

112

113 (iv) ANTI-SENSE: NO

114

115

116

117 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

118

119 GAGCTCACGC AGTCTCCAGG CACCCTGTCT TTGTCTCCAG GGGAAAGAGC CACCCTCTCC 60

120

121 TGCAGGGCCA GTCACAGTGT TAGCAGGGCC TACTTAGCCT GGTACCAGCA GAAACCTGGC 120

122

123 CAGGCTCCCA GGCTCCTCAT CTATGGTACA TCCAGCAGGG CCACTGGCAT CCCAGACAGG 180

124

125 TCCAGTGGCA GTGGGTCTGG GACAGACTTC ACTCTACCA TCAGCAGACT GGAGCCTGAA 240

126

127 GATTTTGCAG TGTACTACTG TCAGCAGTAT GGTGGCTCAC CGTGGTTCGG CCAAGGGACC 300

128

129 AAGGTGGAAC TCAAACGAAC TGTGGCTGCA CCATCTGTCT TCATCTTCCC GCCATCTGAT 360

130

131 GAGCAGTTGA AATCTGGAAC TGCCTCTGTT GTGTGCCTGC TGAATAACTT CTATCCAGA 420

132

133 GAGGCCAAAG TACAGTGGAA GGTGGATAAC GCCCTCCAAT CGGGTAACTC CCAGGAGAGT 480

134

135 GTCACAGAGC AGGACAGCAA GGACAGCACC TACAGCCTCA GCAGCACCTT GACGCTGAGC 540

136

137 AAAGCAGACT ACGAGAAACA CAAAGTCTAC GCCTGCGAAG TCACCCATCA GGGCCTGAGT 600

138

139 TCGCCCGTCA CAAAGAGCTT CAACAGGGGA GAGTGTTAAT TCTAGA 646

140

141 (2) INFORMATION FOR SEQ ID NO:3:

142

143 (i) SEQUENCE CHARACTERISTICS:

144 (A) LENGTH: 21 base pairs

145 (B) TYPE: nucleic acid

146 (C) STRANDEDNESS: single

147 (D) TOPOLOGY: linear

148

149 (ii) MOLECULE TYPE: cDNA

150

151 (iii) HYPOTHETICAL: NO

152

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153 (iv) ANTI-SENSE: NO
154
155
156
157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
158
159 GAATTCTAAA CTAGCTAGTC G 21
160
161 (2) INFORMATION FOR SEQ ID NO:4:
162
163 (i) SEQUENCE CHARACTERISTICS:
164 (A) LENGTH: 21 base pairs
165 (B) TYPE: nucleic acid
166 (C) STRANDEDNESS: single
167 (D) TOPOLOGY: linear
168
169 (ii) MOLECULE TYPE: cDNA
170
171 (iii) HYPOTHETICAL: NO
172
173 (iv) ANTI-SENSE: NO
174
175
176
177 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
178
179 ATACTGCTGA CAGTAATACA C 21
180
181 (2) INFORMATION FOR SEQ ID NO:5:
182
183 (i) SEQUENCE CHARACTERISTICS:
184 (A) LENGTH: 57 base pairs
185 (B) TYPE: nucleic acid
186 (C) STRANDEDNESS: single
187 (D) TOPOLOGY: linear
188
189 (ii) MOLECULE TYPE: cDNA
190
191 (iii) HYPOTHETICAL: NO
192
193 (iv) ANTI-SENSE: NO
194
195
196
197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
198
199 TATTACTGTC AGCAGTATNN KNNKNNKNNK ACTTTCGGCG GAGGGACCAA GGTGGAG 57
200
201 (2) INFORMATION FOR SEQ ID NO:6:
202
203 (i) SEQUENCE CHARACTERISTICS:
204 (A) LENGTH: 21 base pairs
205 (B) TYPE: nucleic acid

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206 (C) STRANDEDNESS: single
207 (D) TOPOLOGY: linear
208

209 (ii) MOLECULE TYPE: cDNA
210

211 (iii) HYPOTHETICAL: NO
212

213 (iv) ANTI-SENSE: NO
214
215
216

217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
218

219 AATACGACTC ACTATAGGGC G
220

21

221 (2) INFORMATION FOR SEQ ID NO:7:
222

223 (i) SEQUENCE CHARACTERISTICS:
224 (A) LENGTH: 48 base pairs
225 (B) TYPE: nucleic acid
226 (C) STRANDEDNESS: single
227 (D) TOPOLOGY: linear
228

229 (ii) MOLECULE TYPE: cDNA
230

231 (iii) HYPOTHETICAL: NO
232

233 (iv) ANTI-SENSE: NO
234
235
236

237 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
238

239 TATTACTGTC AGCAGTATNN KNNKNNKNNK ACTTTCGGCG GAGGGACC
240

48

241 (2) INFORMATION FOR SEQ ID NO:8:
242

243 (i) SEQUENCE CHARACTERISTICS:
244 (A) LENGTH: 60 base pairs
245 (B) TYPE: nucleic acid
246 (C) STRANDEDNESS: single
247 (D) TOPOLOGY: linear
248

249 (ii) MOLECULE TYPE: cDNA
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252 (iii) HYPOTHETICAL: NO
253 (iv) ANTI-SENSE: NO
254
255
256
257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
258

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/610,551

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SEQUENCE MISSING ITEM REPORT
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< < THERE ARE NO ITEMS MISSING > >

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SEQUENCE CORRECTION REPORT
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